



Menu MIDI Live Lightsaber Simple Settings Switch User

Simple Mode Ontime: 80 µs — — 100 Hz — — Duty: 0.8% Apply to: Return On Release

MIDI Live Mode Note Ontime: 160 μs ———— Note Duty: 2.9% ———— Vol. Mode: Auto On Release Return NRP Reset

Lightsaber Mode 85 μs — — Ontime: On Release Return

Settings for Tesla Coil 2 Assign MIDI channels: 2 3 4 5 6 7 All 8 9 10 11 12 13 14 15 None Enabled Reach: [Linear] rce at which the signal is no more audible. Same scale as pan slider. Return Previous Next

Settings for Tesla Coil 3 Assign MIDI channels: 4 5 6 7 All 8 9 10 11 12 13 14 15 None Reach: Linear stance from source at which the signal is no more audible. Same scale as pan slider. Return Previous Next

Settings for Tesla Coil 4 Assign MIDI channels: 0 1 2 3 4 5 6 7 All 8 9 10 11 12 13 14 15 None Reach: Linear ource at which the signal is no more audible. Same scale as pan slider. Return | (Previous) (Next

Settings for Tesla Coil 5 Assign MIDI channels: 0 1 2 3 4 5 6 7 All 8 9 10 11 12 13 14 15 None Reach: Linear stance from source at which the signal is no more audible. Same scale as pan slider. Return | (Previous) (Next

Settings for Tesla Coil 6 Assign MIDI channels: 0 1 2 3 4 5 6 7 All 8 9 10 11 12 13 14 15 None Reach: Linear distance from source at which the signal is no more audible. Same scale as pan slider. Return | (Previous) (Next

Settings for Tesla Coil 1 Assign MIDI channels: 0 1 2 3 4 5 6 7 All 8 9 10 11 12 13 14 15 None Reach: Linear stance from source at which the signal is no more audible. Same scale as pan slider. Return | (Previous) (Next

Settings for Channel 0 Select any value to modify. NRP Editor
 NRP Number
 Data Entry

 Coarse
 Fine
 Coarse
 Fine

 2A
 00
 00
 00

 Enter 0x80 to keep the current value.
 A B C D E F 1 2 3 4 5 6 MIDI Command 7890Xok Status | Data 1 | Data 2 00 00 00 Hex A status of 0 sends no MIDI command. Use Data 2 if only 1 data byte is required. Return Previous Next

Settings for Channel 1 NRP Editor Select any value to modify. (A)(B)(C)(D)(E)(F) 1 2 3 4 5 6 Enter 0x80 to keep the current value. MIDI Command 7890Xok
 Status
 Data 1
 Data 2

 00
 00
 00
 Hex A status of 0 sends no MIDI command. Use Data 2 if only 1 data byte is required. Return Previous Next

Settings for Channel 14 Select any value to modify. NRP Editor
 NRP Number
 Data Entry

 Coarse
 Fine
 Coarse
 Fine

 2A
 00
 00
 00

 Enter 0x80 to keep the current value.
 (A)(B)(C)(D)(E)(F) 1 2 3 4 5 6 MIDI Command 7890Xok Status | Data 1 | Data 2 00 00 00 Hex A status of 0 sends no MIDI command. Use Data 2 if only 1 data byte is required. Return Previous Next

Settings for Channel 15 Select any value to modify. NRP Editor NRP Number Data Entry
Coarse Fine Coarse Fine
2A 00 00 00
Enter 0x80 to keep the current value. ABCDEF 1 2 3 4 5 6 MIDI Command 7890Xok Status | Data 1 | Data 2 00 00 00 Hex A status of 0 sends no MIDI command. Use Data 2 if only 1 data byte is required. Return Previous Next

Settings Users | (Nextion<->USB) Other Coil Limits ESP<->USB Envelopes Save

Other Settings Display brightness: 0 min 0 s Enter sleep after: Background shutdown: Select any value to modify. (1)(2)(3)(4)(5)(6) 7890Xok Return

Envelope Settings 12345 Program 1/ 4 Step 6 7 8 9 0 Next Step 2/ 4 ± « » X ok 1.0 Amplitude Set Values 10 ms Duration n-tau 3.0 Return

User Settings 100 µs 1000 Hz 6.0 % Select any value to modify. 1 2 3 4 5 6 7890Xok Return

Limits of all Tesla Coils
 max. Ontime [μs]
 min. Offtime [μs]
 max. Duty [%]
 max. MIDI Voices

 1:
 500
 30
 20.0
 12

 2:
 300
 20
 20.0
 12

 3:
 800
 40
 20.0
 12

 4:
 800
 40
 20.0
 12

 5:
 300
 20
 20.0
 12

 6:
 500
 30
 20.0
 12
 Select any value to modify. 1 2 3 4 5 6 7890Xok Return

Nextion<->USB Passthrough Nextion is now connected to the USB serial port. Use this to upload a new firmware or to communicate with the device. Notes: * To leave passthrough mode, you need to power cycle Syntherrupter. * After a firmware upload the screen will become dark (Remember to power cycle!)

ESP<->USB Passthrough The ESP is now connected to the USB serial port. Use this to upload a new firmware or to communicate with the device. Notes: * To leave passthrough mode, you need to power cycle Syntherrupter. * To upload a new ESP firmware you need to pull ESPs GPIO0 pin to ground.

Change User 0 Name New Value: Padawan 1234567890 <qwertzuiopü+ asdfghjklöä? ^ y x c v b n m , . - ^ SPACE < Return